

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

David A. WILLIAMS et al.

Application No.: New U.S. Patent Application

Filed: April 23, 2004

Docket No.: 119480

For: A DAMPED AEROFOIL STRUCTURE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references 1-3 were cited in a counterpart foreign application. An English language version of the foreign search report is attached for the Examiner's information.
- ☒ 3. The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached.

- ☒ 4. An English-language Abstract of the non-English language reference 3 is attached hereto.

Respectfully submitted,



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INVESTOR IN PEOPLE

Application No: GB 0313303.0
Claims searched: 1-22

Examiner: Dr. Simon Coldrick
Date of search: 21 November 2003

Patents Act 1977 : Search Report under Section 17

Documents considered to be relevant:

| Category | Relevant to claims | Identity of document and passage or figure of particular relevance | |
|----------|--------------------|--|--|
| X | 1-4,8,9 at least | JP 570143103 A | (Mitsubishi)(figs. 1-3 noting damping elements 2a, 2b in frictional engagement and third damping means 2c) |
| X | 1,2,4 at least | US 5056738 A | (Gen. Electric)(fig 2 noting liners 58, 60 cooperating via damping element 54) |
| A | | GB 2154286 A | (Gen. Electric)(fig. 14 noting bonded damping element 107) |

Categories:

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|---|---|---|--|
| X | Document indicating lack of novelty or inventive step | A | Document indicating technological background and/or state of the art. |
| Y | Document indicating lack of inventive step if combined with one or more other documents of same category. | P | Document published on or after the declared priority date but before the filing date of this invention. |
| & | Member of the same patent family | E | Patent document published on or after, but with priority date earlier than, the filing date of this application. |

Field of Search:

Search of GB, EP, WO & US patent documents classified in the following areas of the UKC^v:

F1V

Worldwide search of patent documents classified in the following areas of the IPC⁷:

F04D, F01D

The following online and other databases have been used in the preparation of this search report:

ONLINE: WPI, EPODOC, JAPIO

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|---|---|---|------------|--|-------|--|--|
| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 119480 | | APPLICATION NO. New U.S. Patent Application | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANTS David A. WILLIAMS et al. | | | |
| | | | | FILING DATE April 23, 2004 | | | |
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| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS | |
| | 1 | 5,056,738 | 10/15/1991 | Mercer et al. | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS | |
| | 2 | GB 2 154 286 A | 09/04/1985 | United Kingdom | | | |
| | 3 | JP A 57143103 abstract only | 09/04/1982 | Japan | | | |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
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| EXAMINER | | | | DATE CONSIDERED | | | |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | |

Date: April 23, 2004